

# LEVEL & LEAK DETECTION

## GENERAL-PURPOSE FLOAT SWITCH L8



**Dwyer**



### DESCRIPTION

The **Dwyer Model L8 Flotect**® liquid level switch features a leak proof body and float constructed from tough, durable polyphenylene sulfide (PPS) which has excellent chemical resistance. Because the liquid level snap switch is magnetically actuated, there is no direct mechanical linkage to leak or fail, assuring longer life and decreased maintenance costs.

### FEATURES

- CE approved
- Polyphenylene sulfide float
- Magnetically actuated
- Good for specific gravities 0.6 and greater
- 1" NPT(M) mounting



L8



L8 WP2

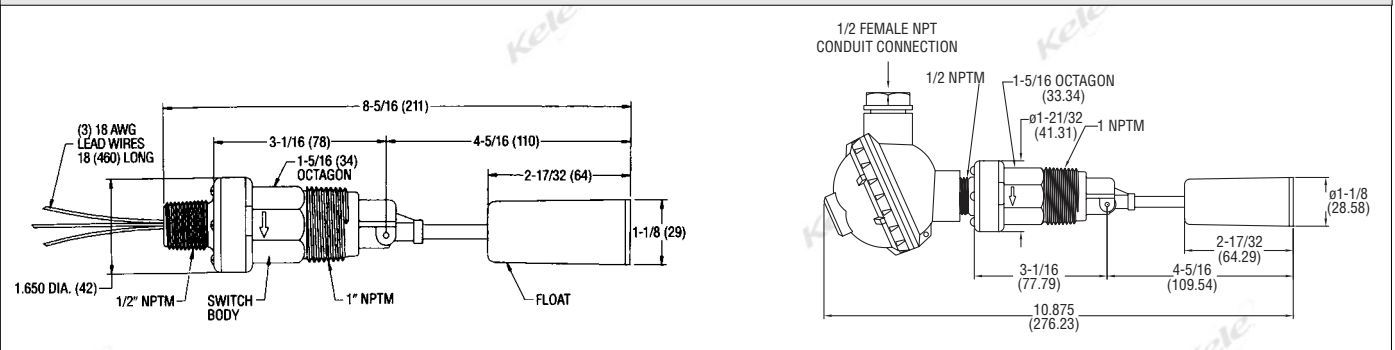
### INSTALLATION / WIRING GUIDE

Wire in accordance with local electrical codes. Lead wire color codes are as follows. Black - Common, Red - Normally Closed, Blue - Normally Open. Normal is the contact condition when liquid level is below the actuation point. Closed contacts open and open contacts close when liquid level lifts the float to the actuation point.

### SPECIFICATIONS

<b>Relay Type</b>	SPDT	<b>Wiring Terminations</b>	18 AWG, 18" (460 mm) long
<b>Relay Rating</b>	5A @ 125/250 VAC	<b>Red</b>	Normally Closed
<b>Operating Pressure</b>	150 psig (10.34 bar)	<b>Blue</b>	Normally Open
<b>Specific Gravity</b>	0.6 minimum	<b>Black</b>	Common
<b>Mounting</b>	Horizontal with index arrow pointing down	<b>Operating Temperature</b>	212°F (100°C) maximum
<b>Process Connection</b>	1" MNPT	<b>Wetted parts</b>	PPS plastic with SS pin and spring
<b>Dimensions</b>	1.8"H x 8.6"W x 1.8"D (4.6 x 21.9 x 4.6 cm)	<b>Weight</b>	0.3 lb (0.14 Kg)
<b>Conduit Connection</b>	1/2" NPT	<b>Approvals</b>	CE, UL File #E38115
		<b>Warranty</b>	1 year

### WIRING



### ORDERING INFORMATION

MODEL	DESCRIPTION
L8	Level switch
L8-WP	Level switch with phenylpolioxide weatherproof enclosure
L8-WP2	Level switch with aluminum weatherproof enclosure